ELSEVIER

Fire Safety Journal **30** (1998) 413–414
© 1998 Published by Elsevier Science Ltd. All rights reserved
Printed in Great Britain
0379-7112/98/$19.00

CONTENTS OF VOLUME 30

Volume 30 Number 1

1 Entrainment by Two-Dimensional Spill Plumes
M. POREH (Israel), H. P. MORGAN, N. R. MARSHALL & R. HARRISON (UK)

21 The Spill Plume in Smoke Control Design
P. H. THOMAS, H. P. MORGAN & N. MARSHALL (UK)

47 Modelling of a Two-Dimensional Rack Storage Fire
H. INGASON (Sweden)

71 Investigation of Thermal Response of Glass Bulb Sprinklers using Plunge and Ramp Tests
H. INGASON (Sweden)

95 Announcement

97 Calendar

99 Papers published in Volumes 28 and 29

Volume 30 Number 2

103 Issues in Evaluation of Complex Fire Models
R. D. PEACOCK, P. A. RENEKE, C. L. FORNEY & M. M. KOSTREVA (USA)

137 Fire Characteristics of Cored Composite Materials for Marine Use
A. T. GRENIER, N. A. DEMBSEY & J. R. BARNETT (USA)

161 Large Eddy Simulations of Smoke Movement
K. B. McGRATTAN, H. R. BAUM & R. G. REHM (USA)

179 Testing of Furniture Composites in the Cone Calorimeter: A New Specimen Preparation Method and Round Robin Results
V. BABRAUSKAS (USA) & I. WETTERLUND (Sweden)

Book Review

195 *Introduction to Wildland Fire* (1996), Second Edition, by S. Pyne, P. Andrews & R. D. Laven. John Wiley, Chichester
(Reviewed by D. X. VIEGAS)

199 Announcements

203 Calendar

205 Contents of Related Journals

Volume 30 Number 3

213 Obituary

215 On Q^* and the Dynamics of Turbulent Diffusion Flames
G. HESKESTAD (USA)

229 Flamelet-based Smoke Properties for the Field Modelling of Fires
J. B. MOSS & C. D. STEWART (UK)

251 Modelling Temperature Evolution in Equipment Engulfed in a Pool-fire
E. PLANAS-CUCHI & J. CASAL (Spain)

269 Study and Prediction of Boilover in Liquid Pool Fires with a Water Sublayer using Micro-explosion Noise Phenomena
J. S. HUA, W. C. FAN & G. X. LIAO (China)

293 Smoke Data Determination for Various Types of Fuel
M. BARAKAT, J.-M. SOUIL, C. BREILLAT, J.-P. VANTELON (France), V. KNORRE (Russia) & F.-X. RONGÈRE (France)

307 Letter to the Editor

311 Announcement

313 Calendar

Volume 30 Number 4

315 Composite Beams with Partial Fire Protection
Y. C. WANG (UK)

333 On the Flight Paths of Metal Particles and Embers Generated by Power Lines in High Winds—a Potential Source of Wildland Fires
S. D. TSE & A. C. FERNANDEZ-PELLO (USA)

357 A Two-dimensional Numerical Investigation of the Oscillatory Flow Behaviour in Rectangular Fire Compartments with a Single Horizontal Ceiling Vent
L. KERRISON, E. R. GALEA & M. K. PATEL (UK)

383 Flame Radiation from Polymer Fires
F. JIANG (China)

Book Reviews

397 *Dust Explosions in the Process Industries* (1997), by R. K. Eckhoff. Butterworth-Heinemann

399 *Reaction to Fire of Construction Products* (1996). Construction Research Communications Ltd, London (Reviewed by V. BABRAUSKAS)

403 Announcements

405 Calendar

407 Contents of Related Journals

413 Contents of Volume 30